

SPECIFICATION SHEET

Product Name	Brocrene® Broccoli Extract
Molecular Formula	C ₆ H ₁₁ NOS ₂
Molecular Weight	177.29
Botanical name	<i>Brassica oleracea L.var.italica Plenck</i>
Used Part	Seed
Product Specification	L-Sulforaphane 1~10%
Country of Origin	China

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	Fine powder	Visual
Color	Light brown	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Mesh size/Sieve	NLT95% pass 80 mesh	80 mesh
Bulk density	NMT0.8g/ml	USP<616>
Loss on Drying	≤8.0%	USP <731>
Residue on Ignition	≤5.0%	USP <281>
Identification		
Identifiable active ingredient	Complies with standards	TLC
Assay		
L-Sulforaphane	Nlt1.0 %	HPLC
Residues		
Solvent Residues	USP<467>	GC
Heavy metals		
Heavy Metals	≤10ppm	ICP-MS
Lead	≤2ppm	ICP-MS



Nature Connecting Health

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ITEMS	SPECIFICATIONS	METHODS
Arsenic	$\leq 1\text{ppm}$	ICP-MS
Mercury	$\leq 0.1\text{ppm}$	ICP-MS
Cadmium	$\leq 1\text{ppm}$	ICP-MS
Microbiological		
Total Plate Count	$<1000\text{cfu/g}$	USP <2021>
Yeast& Mold	$<100\text{cfu/g}$	USP <2021>
E.Coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
Staphylococcus	Negative	USP <2022>
Statement: Non-Irradiated, Non-BSE/TSE, Non-GMO, Non-Allergen		

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool & dry place, keep away from strong light and heat.
Stability	24 months when properly stored.
Packaging	Packed in paper-drums with two food grade plastic-bags inside, 25kg/Drum or as requested.